03-05-04

Docket 17637 (BOT)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: FIRST, ERIC R.

Examiner:

Serial No.: 10/731,973

**Group Art Unit:** 

Filed: December 9, 2003

For: BOTULINUM TOXIN THERAPY

FOR SKIN DISORDERS

Irvine, California

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicant provides with regard to the above-identified patent application entitled BOTULINUM TOXIN THERAPY FOR SKIN DISORDERS, one copy of documents of which he is aware, which may be material to the examination of this application, and in respect of which there may be a duty of disclosure under 37 C.F.R. §1.56. A listing of the documents submitted is set forth on the attached Information Disclosure Citation (Form PTO-1449).

While these documents may be material pursuant to 37 C.F.R. §1.56, the disclosure is not intended to constitute an admission that the documents are prior art in regard to this invention. The filing of this Statement should not be construed to mean that a search has been conducted or that no other material

documents or information exists. Please do not hesitate to contact the undersigned should any questions arise regarding this Statement.

The Commissioner is hereby authorized to charge any fees required or necessary for the filing, processing or entering of this paper or any of the enclosed papers, and to refund any overpayment, to deposit account 01-0885.

Respectfully submitted,

Date: March 3, 2004

Stephen Donovan
Attorney of Record

Registration Number 33,433

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Stephen Donovan Allergan, Inc. 2525 Dupont Drive, T2-7H Irvine, California 92623-9534

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#### CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. § 1.10

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date March 3, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label number EV193717244US addressed to Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Susan Bartholomew

Name of person mailing paper

Date March 3, 2004

Signature of person signing paper

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ATTY. DOCKET: 17637(BOT)	SERIAL NO.: 10/731,973
APPLICANT: FIRST, ERIC R. APPLICANT: FIRST, ERIC R. MAR 0 3 7004	TITLE: BOTULINUM TOXIN THERAPY FOR SKIN DISORDERS
FILING DATE: 12/9/03	GROUP:

#### **U.S. PATENT DOCUMENTS**

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BA						· · · ·

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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CEEE Pearce, L.B., Pharmacologic Characterization of Botulinum Toxin For Basic Science and Medicine, Toxicon 35(9);1373-1412 at 1393  CFFF Ragona et al.; Management of Parotid Sialocele With Botulinum Toxin; The Laryngoscope 109:1344-1346:1999	CDDD	Pan C., et al., (2001) Degeneration of nociceptive nerve terminals in human
CFFF Ragona et al.; Management of Parotid Sialocele With Botulinum Toxin; The Laryngoscope 109:1344-1346:1999	CEEE	Pearce, L.B., Pharmacologic Characterization of Botulinum Toxin For Basic Science
	CFFF	Ragona et al.; Management of Parotid Sialocele With Botulinum Toxin; The
Apr;43(4 Suppl 2	CGGG	Rogers J., et al., Injections of botulinum toxin A in foot dystonia, Neurology 1993
CHHH Sanchez-Prieto, J., et al., Botulinum Toxin A Blocks Glutamate Exocytosis From Guinea Pig Cerebral Cortical Synaptosomes, Eur J. Biochem 165;675-681:1997	СННН	Sanchez-Prieto, J., et al., Botulinum Toxin A Blocks Glutamate Exocytosis From

## **EXAMINER**

	Sheet	6	of	6
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ATTY. DOCKET	: 17637(BOT)	IPE	SERIAL NO.: 10/731,973
APPLICANT:	FIRST, ERIC R.	MAR 0 3 2004 22 20	TITLE: BOTULINUM TOXIN THERAPY FOR SKIN DISORDERS
FILING DATE:	12/9/03	Par manual et	GROUP:

CIII	Schantz, E.J., et al, <i>Properties and use of Botulinum toxin and Other Microbial Neurotoxins in Medicine</i> , Microbiol Rev. 56;80-99:1992
cm	Sevim, S., et al., <i>Botulinum toxin-A therapy for palmar and plantar hyperhidrosis</i> , Acta Neurol Belg 2002 Dec;102(4):167-70
СККК	Singh, <i>Critical Aspects of Bacterial Protein Toxins</i> , pages 63-84 (chapter 4) of Natural Toxins II, edited by B.R. Singh et al., Plenum Press, New York (1976)
CLLL	Sloop et al.; Reconstituted Botulinum toxin type A does not lose potency in humans if it is refrozen or refrigerated for 2 weeks before use; Neurology, 48:249-53:1997
СММ	Sneddon P., et al., <i>Pharamcological evidence that adenosine triphosphate and noradrenaline are cotransmitters in the guinea-pig vas deferens</i> . J. Physiol. 1984; 347: 561-580
CNNN	toes, Am J Phys Med Rehabil 2002 Oct;81(10):770-5
cood	Tacks, L., et al., <i>Idiopathic toe walking: Treatment with botulinum toxin A injection,</i> Dev Med Child Neurol 2002;44(Suppl 91):6
СРРР	Whitehouse P., et al., <i>Nicotinic and muscarinic cholinergic receptors in Alzheimer's disease and related disorders</i> , J Neural Transm Suppl. 1987;24:175-82
caac	Wiegand et al, I-Labelled Botulinum A Neurotoxin: Pharmacokinetics inCats after Intramuscular Injection; <i>Nauny-Schmiedeberg's Arch. Pharmacol.</i> 1976; 292, 161-165
CRAR	Wu T., et al., Demonstration of human papillomavirus (HPV) genomic amplification and viral-like particles from CaSki cell line in SCID mice, J Virol Methods 1997;65:287-298
CSSS	Xu Z-QD et al, Galanin/GMAP- and NPY-like immunoreactivities in locus coeruleus and noradrenergic nerve terminals in the hippocampal formation and cortex with notes on the galanin-R1 and - R2 receptors, J. Comp. Neurol. 1998; 392: 227-252
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